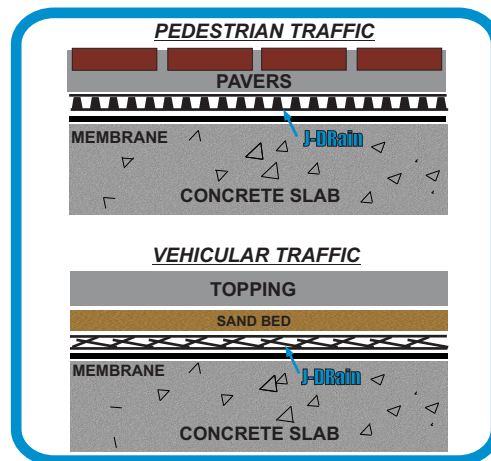
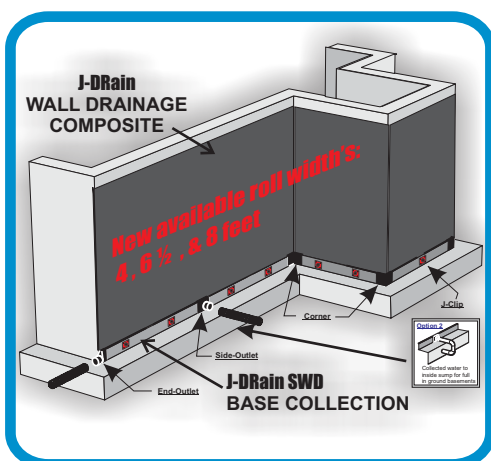
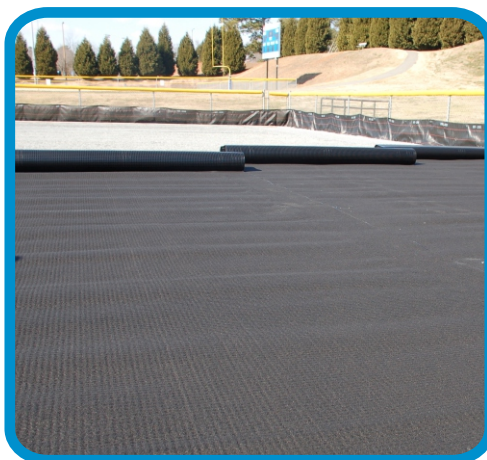




J·DRAIN

Product Catalog

ESR-1901



J-DRAIN Products & Accessories

DIMPLE CORE SHEET DRAINS



J-DRAIN WRAP

[.31" LOW PROFILE
DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

An low profile choice for light commercial and residential construction. Maintains a high flow rate for shallow depths.
Flow rate: 12.5 gpm Compression: 5,200 psf

Low Profile/Core only

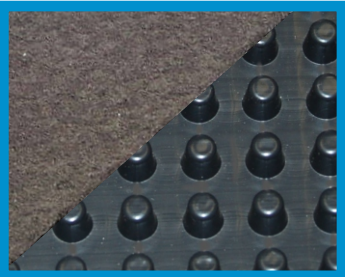


J-DRAIN 150

[.31" LOW PROFILE
DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

An low profile choice for light commercial and residential construction. Maintains a high flow rate for shallow depths.
Flow rate: 12.5 gpm Compression: 5,200 psf

Low Profile



J-DRAIN 200/220*

[DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

An excellent choice for light commercial and residential construction. Maintains a very high flow rate for shallow depths (less than 20'). Use with **J-DRAIN SWD-6 or SWD-12** Collection System for best results.
Flow rate: 18 gpm Compression: 11,000 psf

J-DRAIN 400/420*

[DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

Maintains a very high flow rate while providing a higher compressive strength for greater depths. A very popular choice for vertical and horizontal single sided drainage applications. Use with **J-DRAIN SWD-6 or SWD-12** Collection System for best results on vertical applications.
Flow rate: 21 gpm Compression: 15,000 psf

J-DRAIN 400XL/420XL*

[H. D. DIMPLE DRAIN CORE /
H. D. NON-WOVEN GEOTEXTILE]

Designed for extra heavy duty vertical applications that demand greater compressive strength and improved filtration for challenging soil conditions.
Flow rate: 21 gpm Compression: 16,500 psf

J-DRAIN 780

[DIMPLE DRAIN CORE / IMPROVED
COMPRESSIVE STRENGTH & A
H. D. NON-WOVEN GEOTEXTILE]

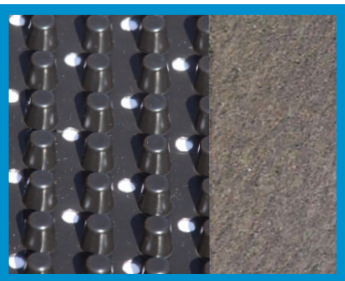
Engineered for heavy duty horizontal applications with improved compressive strength and greater filtration properties.
Flow rate: 23 gpm Compression: 21,000 psf

J-DRAIN 500

[DIMPLE DRAIN CORE / PUNCHED
2 SIDED NON-WOVEN GEOTEXTILE]

Designed for use where double sided drainage and high flow rate is needed. Ideal for trench drains, interceptor drains, sloped embankments, and landfill enclosures.
Flow rate: 21 gpm Compression: 15,000 psf

Punched Core



J-DRAIN 700/720*

[H. D. DIMPLE DRAIN CORE /
H. D. WOVEN GEOTEXTILE]

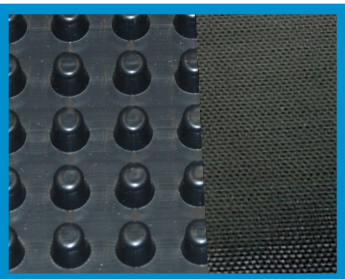
Engineered for heavy duty horizontal applications such as parking decks, split slab, and plaza decks. Very suitable to receive concrete toppings.
Flow rate: 23 gpm Compression: 21,000 psf

J-DRAIN 990

[DIMPLE DRAIN CORE / IMPROVED
COMPRESSIVE STRENGTH & A
H.D. WOVEN MONOFILAMENT
GEOTEXTILE]

Specifically designed for projects demanding the highest compressive strength and filtration such as split slab, under slab, and plaza decks. Withstands the abuse of vehicular traffic. Suitable to receive concrete toppings.
Flow rate: 24 gpm Compression: 33,000 psf

Woven Geotextile



* 220, 420, 420XL, & 720 are identical to 200, 400, 400XL, & 700 with the addition of a membrane protective film on the back side

J-DRAIN Products & Accessories

GEONET CORE



J-DRAIN 300/302

[VERY HEAVY DUTY GEONET DRAIN CORE / NON-WOVEN GEOTEXTILE]

This very heavy duty Geonet Composite has long been the choice of Architects and Engineers for the most rigorous and demanding applications requiring heavy duty vehicular traffic. Most suitable for under slab, split-slab, and other demanding applications. **302** provides for two sided drainage with fabric on both sides for applications such as roadways. Flow rate: 8.5 gpm Compression: 30,000 psf

J-DRAIN 1000

[VERY HEAVY DUTY GEONET DRAIN CORE / NON-WOVEN GEOTEXTILE. INCLUDES A MEMBRANE PROTECTION FABRIC BONDED TO BOTTOM SIDE]

1000 is a modified version of **302** with the same demanding applications. It has a special heavy grey geotextile bonded to the bottom side for membrane protection.

Flow rate: 8.5 gpm Compression: 30,000 psf

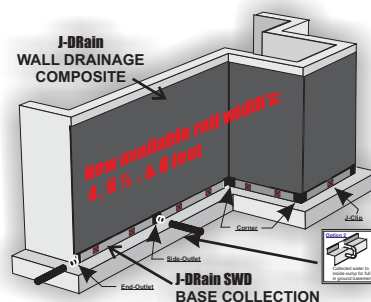
MODULAR FOUNDATION DRAINAGE & COLLECTION



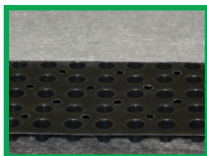
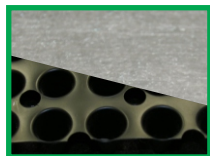
J-DRAIN SWD 6 & 12

J-DRAIN SWD - 6 & 12 provide a very economical drainage system for retaining & foundation walls. Fittings are used at corners and transitions to pipe for transferring water to daylight or interior sump. Provided in 6" & 12" widths. The base collection system is very suitable to be used with other **J-DRAIN** wall drainage composites such as **200 & 400**.

ESR-1901

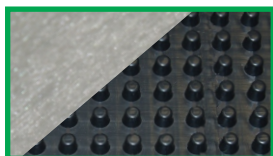


GREEN ROOF DRAINAGE



J-DRAIN GRS & GRS50

perforated dimple core promotes excellent drainage while storing rainwater in dimpled cups for later plant consumption. Special root resistant **ECO** fabric helps prevent root penetration into the drain layer. Contact our design professionals for design assistance.



J-DRAIN 400RB

is another very unique product designed specifically for greenroofs. Special root resistant **ECO** fabric attached to the dimple side of 400 core. Used primarily in sloped roofs. Again, due to the many design variables, we suggest contacting our design professionals for assistance.



ATHLETIC FIELD & LANDSCAPE DRAINAGE



J-DRAIN MVP-6 & 12

are drainage composites for providing drainage in athletic field and landscape applications. **MVP-6** is well suited for providing easy to install trench drains by requiring only shallow, narrow trenches and eliminating gravel backfill. Used primarily in landscape, natural turf athletic fields, golf courses and many other applications. **MVP-12** is placed horizontally across the synthetic turf fields and playgrounds and sloped to sideline trenches. The amount of gravel backfill is greatly reduced and eliminates trench excavation costs.



J-DRAIN ACCESSORIES

J-DRAIN SWD & MVP Fittings



J-TAPE



J-CLIP



DRAINAGE CORE PHYSICAL PROPERTIES

PRODUCTS	WIDTH feet (meters)	THICKNESS (ASTM D 1777) inch (mm)	COMPRESSION (ASTM D 1621) psf (kNm2)	FLOW (ASTM D 4716) gal/min/ft (L/min/m)
DIMPLE CORE				
Wrap	4, 6.5, 8 (1.22, 1.98, 2.44)	.31 (7.87)	5,200 (249)	12.5 (155)
150/150T	4, 6.5, 8 (1.22, 1.98, 2.44)	.31 (7.87)	5,200 (249)	12.5 (155)
200/220	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	11,000 (527)	18 (223)
400/420	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	15,000 (718)	21 (261)
400/420XL	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	16,500 (790)	21 (261)
500	4 (1.22)	.40 (10.16)	15,000 (718)	21 (261)
700/720	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	21,000 (1005)	23 (286)
780	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	21,000 (1005)	23 (286)
990	4 (1.22)	.40 (10.16)	33,000 (1580)	24 (298)
(Hydraulic Gradient = 1)				
GEONET CORE				
300/302	4, 7 (1.22, 2.13)	.25 (6.35)	40,000 (1915)	8.5 (106)
1000	4 (1.22)	.25 (6.35)	40,000 (1915)	8.5 (106)
(Hydraulic Gradient = 1)				
GREEN ROOF				
GRS	4 (1.22)	1.0 (25.4)	9,500 (455)	30 (372) (HG=.1)
GRS50	4 (1.22)	.40 (10.16)	15,000 (718)	21 (261) (HG=1)
400 RB	4 (1.22)	.40 (10.16)	15,000 (718)	21 (261) (HG=1)
STRIP DRAIN				
SWD	6", 12", 18", 24", 36"	1.0 (25.4)	9,500 (455)	30 (372)
MVP	6", 12"	1.0 (25.4)	12,500 (598)	30 (372)
(Hydraulic Gradient = .1)				

FILTER FABRIC PHYSICAL PROPERTIES

PRODUCTS	APPARENT OPENING SIZE (ASTM D 4751) U.S. STAND. SIEVE (mm)	WATER FLOW RATE (ASTM D 4491) gal/min/ft2 (l/min/m2)	GRAB TENSILE (ASTM D 4632) lbs. (Kn)	GRAB ELONGATION (ASTM D 4632) %	CBR PUNCTURE (ASTM D 6241) lbs. (Kn)
DIMPLE CORE					
Wrap	N/A	N/A	N/A	N/A	N/A
150 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
150T (grey4ozNW)	70 (0.21)	90 (3657)	120 (0.54)	35	300 (1.32)
200/220 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
400/420 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
400/420XL (6ozNW)	70 (0.21)	110 (4481)	160 (0.71)	50	410 (1.83)
500 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
700/720 (Woven)	40 (0.425)	60 (2460)	370 (1.64)	15	850 (3.78)
780 (8ozNW)	80 (0.18)	95 (3879)	205 (0.90)	50	500 (2.22)
990 (Woven)	40 (0.425)	60 (2460)	370 (1.64)	15	850 (3.78)
GEONET CORE					
300/302 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
1000 (grey6ozNW)	70 (0.21)	110 (4481)	160 (0.71)	50	410 (1.83)
GREEN ROOF					
GRS/GRS50/400RB (RR Fabric)	50 (0.30)	165 (6723)	75 (0.33)	40	160 (0.71)
STRIP DRAIN					
SWD (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
MVP (4ozNW)	70 (0.21)	135 (5500)	120 (0.54)	50	310 (1.38)

The information contained herein is believed by JDR Enterprises, Inc. to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user. JDR's Limitations, Limited Warranty, & Disclaimer along with Standard Terms & Conditions apply. See www.j-drain.com for more info. **Limitations:** J-Drain is resistant to chemicals in normal soil environments. However, some reagents may affect the performance of J-Drain. A JDR representative should be contacted for further information to determine the suitability of use of J-Drain in unusual soil environments. J-Drain should be limited to its exposure to ultra-violet sunlight. J-Drain should be backfilled or covered within seven days of installation. **Disclaimer:** All information, drawings and specifications are based on the latest published information at the time of printing. JDR reserves the right to make changes due to manufacturing improvements and engineering at any time. All physical properties are minimum average roll values (MARV). Standard variations of 10% in mechanical properties and 15% in hydraulic properties are normal.



Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

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SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**